

Converting Colors

CIELCh(58, 17.815, 282.018)

Have a look what the booklet for
CIELCh(58, 17.815, 282.018)
contains.

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Color

CIELCh(58, 17.815, 282.018)

Conversions

Conversions Part 1

Format	Color
Hex	828BAA
RGB	130, 139, 170
RGB Percent	51%, 55%, 67%
CMY	0.4917, 0.4564, 0.3349
CMYK	0.24, 0.18, 0.00, 0.33
HSL	226°, 19%, 59%
HSV	226°, 24%, 67%
XYZ	25.5461, 25.9610, 41.5022
YIQ	139.8430, -15.3150, 7.7330

Conversions

Conversions Part 2

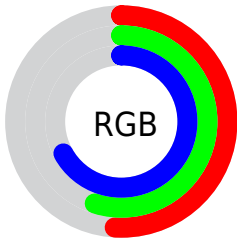
Format	Color
R _Y B	130, 137, 170
Decimal	8555434
CIE Lab	58.00, 3.71, -17.42
CIE LCh	58, 17.815, 282.018
Yxy	25.9610, 0.2747, 0.2791
Android (android.graphics.Color)	4286745514 (0xFF828BAA)
YUV	139.8430, 14.8674, -8.6323
Hunter-Lab	50.9519, 0.3297, -12.6275

Details

The CIELCh color **58, 17.815, 282.018** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **66, 17.444, 96.103**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 17.866, 281.977**, and **38, 18.017, 282.583** is the 20% darker color. If you saturate the color by 10%, you get **53, 25.728, 283.737**, and if you desaturate by 10%, it is **63, 10.122, 280.544**.

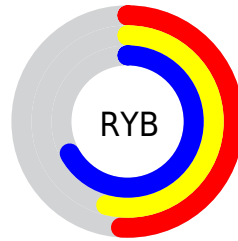
Distribution



 Red (51%)

 Green (55%)

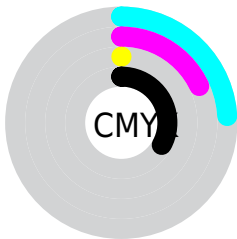
 Blue (67%)



 Red (51%)

 Yellow (54%)

 Blue (67%)

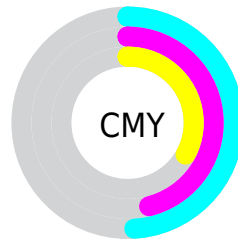



 Cyan (24%)


 Magenta (18%)

 Yellow (0%)

 Black (33%)



 Cyan (49%)


 Magenta (46%)


 Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 17.815, 282.018 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 58, 17.815, 282.018 by changing the saturation by 10% instead.


 58, 17.815,
282.018


 58, 17.815,
282.018


 100, 17.815,
282.018


 48, 17.815,
282.018


 78, 17.815,
282.018


 38, 17.815,
282.018


 88, 17.815,
282.018

 28, 17.815,
282.018

 98, 17.815,
282.018

 18, 17.815,
282.018

 8, 17.815, 282.018

 0, 17.815, 282.018

■ 58, 17.815,
282.018

■ 58, 17.815,
282.018

■ 53, 25.728,
283.737

■ 63, 10.122,
280.544

■ 48, 33.886,
285.742

■ 68, 2.636, 279.318

■ 73, 4.657, 98.133

■ 44, 42.315,
288.059

■ 77, 11.767, 97.204

■ 39, 51.030,
290.691

■ 82, 18.701, 96.382

■ 34, 60.006,
293.596

■ 87, 25.468, 95.659

■ 92, 32.072, 95.020

■ 30, 69.109,
296.658

■ 95, 37.783,
100.509

■ 27, 77.985,
299.676

■ 98, 42.722,
106.915

■ 25, 83.320,

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58, 17.815, 282.018



66, 17.444, 96.103

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58, 17.815, 282.018



58, 17.815, 332.018



58, 17.815, 102.018



58, 17.815, 152.018

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58, 17.814, 282.016



83, 6.384, 279.718



66, 15.507, 178.581



44, 4.144, 279.785



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 17.814, 282.016



71, 26.255, 282.829



56, 23.294, 302.153



33, 4.171, 279.983



21, 74.558, 301.063



1, 7.795, 280.776

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58, 16.844, 3.786



71, 24.906, 4.436



68, 22.221, 119.126



33, 3.887, 2.148



30, 60.421, 26.423



1, 6.852, 3.724

Previews

White Background



This preview shows how the CIELCh color 58, 17.815, 282.018 looks on a white background.

Color Contrast Check

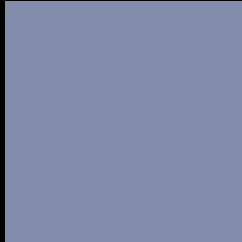
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 58, 17.815, 282.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

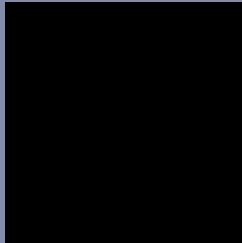
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

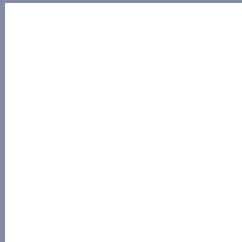
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 17.815, 282.018

Background



This preview shows how black text looks on a background with the CIELCh color 58, 17.815, 282.018.



This preview shows how white text looks on a background with the CIELCh color 58, 17.815, 282.018.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58, 17.815, 282.018

Protanopia

58, 17.710, 285.350

Deuteranopia

58, 19.384, 293.437



Tritanopia
58, 8.452, 246.939

Trichromacy



Original Color
58, 17.815, 282.018

Protanomaly
58, 17.747, 284.237

Deuteranomaly
58, 18.794, 289.108

Tritanomaly
58, 11.274, 264.762

Monochromacy



Original Color
58, 17.815, 282.018

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.339, 280.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 17.815, 282.018 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(130, 139, 170)` looks like.

```
.text, #text, p{  
    color:rgb(130, 139, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(130, 139, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 139, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 17.815, 282.018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 139, 170) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(130, 139, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(130, 139, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 139, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 139, 170);  
box-shadow:4px 4px 4px 4px rgb(130, 139,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 17.815, 282.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 139, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(130,  
139, 170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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